ABSTRACT OF THE DISCLOSURE

A system and method enables a file server, to support multi path input/output operations for Fibre Channel devices. Upon each Fibre Channel Arbitrated Loop initialization event generated, the system and method updates a path and device instance to track multiple paths to a given device. While the file server is attempting input/output operations, the failure of a given path can be corrected by the use of another path associated with a given device. The data structures generated by the low levels of the storage operating system are exposed for use by upper level services for routing a storage device identification purposes.